

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-24. (Canceled).

25. (Currently Amended) A wideband code division multiple access (W-CDMA) first radio network controller (RNC) comprising:

a logic device configured to control a measurement request device such that the measurement request device requests common measurements using a global procedures module of a radio network sublayer application part (RNSAP) procedures over a radio network controller interface (IUR) for a second RNC, the common measurements including received total wideband power, load and global positioning system (GPS) timing information; and

the logic device configured to control the measurement request device such that the measurement request device requests measurements from the second RNC using RNSAP procedures over the IUR, the measurements including received signal code power (RSCP) of a ~~code-composite~~ common control physical channel (CCPCH) and interference signal code power (ISCP), wherein the logic device is further configured to utilize the CCPCH RSCP and ISCP measurements to establish radio resources for a particular user.

26. Canceled.

27. (Previously Presented) The first RNC of claim 25 wherein the measurement request device is configured to receive responses to the requests for

common measurements and measurements.

28. (Previously Presented) The first RNC of claim 25 comprising a measurement collection device for storing the received responses.

29. (Currently Amended) A wideband code division multiple access (W-CDMA) first radio network controller (RNC) comprising:

a measurement response device configured such that the measurement response device in response to receiving requests for common measurements using a global procedures module of a radio network sublayer application part (RNSAP) procedures from a radio network controller interface (IUR), sending a response message using the global procedures module of the RNSAP procedures over the IUR, the common measurements including received total wideband power, load and global positioning system (GPS) timing information; and

the measurement response device configured such that in response to receiving requests for measurements from a second radio network controller using RNSAP procedures via the IUR, the measurement response device sends the measurements to the DRNC using RNSAP procedures over the IUR, the measurements including received signal code power (RSCP) of a ~~code-composite~~ common control physical channel (CCPCH) and interference signal code power (ISCP), wherein the CCPCH RSCP and ISCP measurements are utilized to establish radio resources for a particular user.

30. (Previously Presented) The first RNC of claim 29 wherein the RSCP is the RSCP of a common control channel.

31. (Previously Presented) The first RNC of claim 29 wherein the measurement response device is configured to retrieve the user measurements from a measurement collection device.

32. (Currently Amended) A wideband code division multiple access (W-CDMA) radio network controller (RNC) configured to operate as a first radio network controller (RNC) and a second RNC, the RNC comprising:

a logic device configured to control a measurement request device such that the measurement request device requests common measurements using a global procedures module of a radio network sublayer application part (RNSAP) procedures over a radio network controller interface (IUR) for another radio network controller (RNC), the common measurements including received total wideband power, load and global positioning system (GPS) timing information;

a measurement response device configured such that the measurement response device in response to receiving requests for the common measurements using the global procedures module of RNSAP procedures from the IUR, sends a response message using the global procedures module of the RNSAP procedures over the IUR;

the logic device further configured when the RNC operates as the second RNC to control the measurement request device such that the measurement request device requests measurements from another RNC using RNSAP procedures over the IUR, the measurements including received signal code power (RSCP) of a code composite common control physical channel (CCPCH) and interference signal code power (ISCP), and wherein the logic device is configured to utilize the CCPCH RSCP and ISCP measurements to establish radio resources for a particular user; and

the measurement response device further configured such that when the RNC operates as the first RNC and in response to receiving requests for measurements including received signal code power (RSCP) of a code composite physical channel (CCPCH) and interference signal code power (ISCP) from another RNC using RNSAP procedures via the IUR, the measurement response device sends the measurements to the requesting RNC using RNSAP procedures over the IUR.

33. Canceled.

34. (Previously Presented) The RNC of claim 32 wherein the measurement request device is configured to receive responses to the requests for common measurements.

35. (Previously Presented) The RNC of claim 32 comprising a measurement collection device for storing the received responses.

36. (Currently Amended) A method for use in a wideband code division multiple access communication system having a first radio network controller RNC and a second RNC, the method comprising:

requesting by one of the first RNC or the second RNC common measurements using a global procedures module of a radio network sublayer application part (RNSAP) procedures over a radio network controller interface (IUR) for another of the first RNC or the second RNC, the common measurements including received total wideband power, load and global positioning system (GPS) timing information;

in response to receiving requests for the common measurements using the global procedures module of the RNSAP procedures from the IUR by the other of

the first RNC or the second RNC, sending a response message using the global procedures module of the RNSAP procedures over the IUR;

the second RNC requesting measurements from the first RNC using the RNSAP procedures over the IUR, the measurements including received signal code power (RSCP) of a ~~code-composite~~ common control physical channel (CCPCH) and interference signal code power (ISCP); and

the first RNC in response to receiving the request for measurements, sending the measurements to the second RNC using RNSAP procedures over the IUR, wherein the CCPCH RSCP and ISCP measurements are utilized to establish radio resources for a particular user.

37. Canceled.

38. (Currently Amended) A wideband code division multiple access (W-CDMA) first radio network controller (RNC) comprising:

a logic device configured to control a measurement request device such that the measurement request device requests common measurements using a global procedures module of a radio network sublayer application part (RNSAP) procedures over a radio network controller interface (IUR) for a second radio network controller (RNC), the common measurements including received total wideband power, load and global positioning system (GPS) timing information; and

the logic device configured to control the measurement request device such that the measurement request device requests measurements from the second RNC using RNSAP procedures over the IUR, the user measurements including received signal code power (RSCP) of a ~~code-composite~~ common control physical channel (CCPCH) and interference signal code power (ISCP); and

Applicants: Rudolf et al.
Application No.: 10/606,716

a radio resource management device configured to use the RSCP of the CCPCH and ISCP measurements to control resources for a particular user.